

MODELS: Rearwin 6000M, 2 PCLM

T.C. NUMBER: 661

Engine	Menasco C-4
Placard limits	Maximum, except take-off -- in. Hg., 2175 rpm (125 hp) Take-off (one minute) -- in. Hg., 2175 rpm (125 hp)
Propeller	Maximum permissible diameter 94 in.
Placard speeds	Level flight or climb - 141 mph True Ind. Glide or dive - 170 mph True Ind.
Fuel capacity	34 gallons (two 17 gallon tanks in wing) (+19)
Oil capacity	3 gallons (-13) (See Item 301)
No. passengers	1 (rear seat +43) (crew at -13) (See NOTE 3)
Baggage	50 lbs. (30 lbs. under rear seat) (+48), (20 lbs. aft rear seat) (+72)
Standard weight	1700 lbs.
C.G. limits	(+10.5) and (+17.2)
Spec. basis	Type Certificate No. 661 (Aero. Bulletin 7A requirements)
Serial Nos.	303 and up eligible (See NOTE A and NOTE 1)

EQUIPMENT: (Datum is wing leading edge) (See NOTE 5) (* Means net increase)

Class I:

101.	18x8-3 wheels (Goodyear 3LMBM) with brakes and H.D. tires (wheels must be placarded for these tires)		
102.	8 in. streamline tail wheel (Goodyear 80-A)		(+189)
103.	Propeller - wood (fixed pitch)	23 lbs.	(-60)

Class II:

200.	Miscellaneous items as noted in approved weight and balance report.		
201.	Landing lights	10 lbs.	(+12)
202.	Instrument lights	1 lb.	(-4)
203.	Starter (Eclipse Type 80)	22 lbs.	(-17)
204.	(a) Battery and box (Exide 3-TS-13-1 or Gould A-12)	23 lbs.	(-32)
	(b) Battery and box (Exide 6-AC-17-1)	22 lbs.	(-32)
205.	6.00-6 wheels (Shinn 6C5HB) with brakes and 4-ply tires (wheels must be placarded for these tires)	14 lbs.*	(-5)
206.	Extra instruments	5 lbs.	(-4)
207.	Wheel pants (Hill)	12 lbs.	(-6)
208.	Generator (Type 100W Elec. Develop Co.)	16 lbs.	(-17)
209.	Fixed metal propeller (Curtiss Reed)	24 lbs.*	(-60)
210.	Carburetor air heater	6 lbs.	(-38)
211.	Steerable tail wheel mechanism	1 lb.*	(+172)
212.	Skiplane landing gear (Drawing 64-004)		

Class III:

301.	2-3/4 gallon oil tank (Serial Nos. 303 and 304 only)	Neglect weight change
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NOTE A. Each aircraft manufactured after 1/7/43, must, prior to original certification, satisfactorily pass:

- An inspection for workmanship, materials and conformity before any covering, metal priming or final finish is applied. All woodwork may be varnished.
- A final inspection of the completed aircraft.
- Check of flight characteristics.

NOTE 1. Airplane Serial No. 304 is limited to 1668 lbs. standard weight. If Model 6000M landing gear is installed, standard weight may be increased to 1700 lbs.

NOTE 2. Rudder travel must be limited to 17 degrees in either direction from neutral position. Elevator travel must be limited to not more than 19 degrees in the up position with the stabilizer parallel to the thrust line.

NOTE 3. Placard airplane to be flown solo from front seat only.

NOTE 4. Eligible for export to all countries except Great Britain, Canada, Australia and New Zealand.

NOTE 5. Actual weight and balance report investigating the most forward C.G. condition with 170 lb. pilot and the most rearward C.G. condition with 120 lb. pilot and 220 lb. passenger must be submitted (through Mid-West Branch Office) with inspector's original report and all subsequent reports covering changes in equipment.